

Comparisons of Job Characteristics

Focus Occupation: [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

Associated Occupation: [Occupational Health and Safety Technicians \(29-9012\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 50

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Occupational Health and Safety Technicians (29-9012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Education and Training	9.2	17.5	16.6	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	15.9	12.4	<<	Extensive education and/or training may be required
Building and Construction	4.0	13.6	4.9	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	13.4	4.3	<<	Extensive education and/or training may be required
Law and Government	5.9	12.5	9.5	<<	Extensive education and/or training may be required
Chemistry	4.8	11.3	6.0	<<	Extensive education and/or training may be required
Physics	4.3	9.6	6.1	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	9.5	11.2	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Occupational Health and Safety Technicians (29-9012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Active Listening	11.0	12.9	11.5	<	A higher skill level may be required
Reading Comprehension	10.7	12.6	10.1	<	A higher skill level may be required
Complex Problem Solving	9.1	11.0	9.2	<	A higher skill level may be required

Writing	9.2	11.0	8.7	<	A higher skill level may be required
Operation Monitoring	6.6	8.5	9.1	0	Current skill level may be sufficient
Systems Analysis	6.5	8.2	7.4	<	A higher skill level may be required
Science	4.5	6.9	11.1	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 80			
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Occupational Health and Safety Technicians (29-9012)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	14.8	11.9	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	12.9	12.8	0	Current ability level may be sufficient
Speech Clarity	10.2	11.8	10.6	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	9.6	10.7	>	Current ability level is likely sufficient
Perceptual Speed	7.4	8.5	11.0	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 53
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Occupational Health and Safety Technicians (29-9012)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Use hazardous materials information	35	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 6
Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041) Associated Occupation: Occupational Health and Safety Technicians (29-9012)		
Tools and Technologies	Exclusivity	

Computers	1
Data management and query software	1
Industry specific software	1
Personal communication devices	2
Safety apparel	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.